

Product Change Notification - LIAL-02YNJF503

Date: 16 Jan 2018

Product Category: Capacitive Touch Sensors; 8-bit PIC Microcontrollers; USB Bridge; 16-Bit - Microcontrollers and Digital Signal Controllers; USB Power Delivery

Notification subject: CCB 3220,3220.001-3220.008 Initial Notice: Qualification of MMT as an additional assembly site for selected products of 200K wafer technology available in 64L, 44L, 28L, 20L, and 16L QFN packages

Notification text:

PCN Status:

Initial notification.

PCN Type:

Manufacturing Change

Microchip Parts Affected:

Please open the attachments found in the attachments field below labeled as PCN_#_Affected_CPN.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .xls).

Description of Change:

Qualification of MMT as an additional assembly site for selected product of 200K wafer technology available in 64L, 44L, 28L, 20L and 16L QFN packages.

Pre Change:

Assembled at MTAI assembly site

Post Change:

Assembled at MTAI and MMT assembly site.

Pre and Post Change Summary:

	Pre Change		Post Change		
Assembly Site	Microchip Technology Thailand HQ (MTAI).		Microchip Technology Thailand HQ (MTAI)	Microchip Technology Thailand Branch (MMT)	
Wire material	Au	CuPdAu	Au	CuPdAu	CuPdAu
Die attach material	3280		3280		
Molding compound material	G700LTD		G700LTD		
Lead frame material	C194		C194		

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve on-time delivery performance by qualifying MMT as an additional assembly site.

Change Implementation Status:

In Progress

Estimated Qualification Completion Date :
April 2018

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

Time Table Summary:

	January 2018				-->	April 2018			
Workweek	01	02	03	04		14	15	16	17
Initial PCN Issue Date			X						
Qual Report Availability							X		
Final PCN Issue Date							X		

Method to Identify Change:
Traceability code

Qualification Plan:
Please open the attachments included with this PCN labeled as PCN##_Qual Plan

Revision History:
January 16, 2017: Issued initial notification.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

Attachment(s): [PCN_LIAL-02YNJF503_AFFECTED_CPN.pdf](#)
[PCN_LIAL-02YNJF503_QUAL PLAN.pdf](#)
[PCN_LIAL-02YNJF503_AFFECTED_CPN.xlsx](#)

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QUALIFICATION PLAN SUMMARY

PCN#: LIAL-02YNJF503

Date

December 14, 2017

Qualification of MMT as an additional assembly site for selected product of 200K wafer technology available in 64L QFN package. The selected products available in 44L, 28L, 20L, and 16L QFN packages will qualify by similarity (QBS).

Purpose: Qualification of MMT as an additional assembly site for selected product of 200K wafer technology available in 64L QFN package. The selected products available in 44L, 28L, 20L, and 16L QFN packages will qualify by similarity (QBS).

CCB No.: 3220

		Qualification Report
Misc.	Assembly site	MMT
	BD Number	BDM-001585/A
	MP Code (MPC)	LEAU1TR4XBXF
	Part Number (CPN)	PIC18F67K22T-I/MR
Lead-Frame	Paddle size	291x291 mils
	Material	C194
	Surface	Bare Cu
	Treatment	BOT
	Process	Etched
	Lead-lock	No
	Part Number	10106410
	Lead Plating	Matte Tin
Bond Wire	Material	CuPdAu
Die Attach	Part Number	3280
	Conductive	Yes
MC	Part Number	G700LTD
PKG	PKG Type	QFN
	Pin/Ball Count	64
	PKG width/size	9x9x0.9mm
Die	Die Thickness	11 mils
	Die Size	163.6x159.2 mils
	Fab Process (site)	200K

Test Name	Conditions	Sample Size	Min. Qty of Spares per Lot (should be properly marked)	Qty of Lots	Total Units	Fail Accept Qty	Est. Dur. Days	Test Site	Special Instructions
Standard Pb-free Solderability	J-STD-002 ; Perform 8 hour steam aging for Matte tin finish and 1 hour steam aging for NiPdAu finish prior to testing. Standard Pb-free: Matte tin/ NiPdAu finish, SAC solder, wetting temp 245°C for both SMD & through hole packages.	22	5	1	27	> 95% lead coverage	5	MTAI	Standard Pb-free solderability is the requirement. SnPb solderability (backward solderability- SMD reflow soldering) is required for any plating related changes and highly recommended for other package BOM changes.
Backward Solderability	J-STD-002 ; Perform 8 hours steam aging for Matte tin finish and 1 hour steam aging for NiPdAu finish prior to testing. Backward: Matte tin/ NiPdAu finish, SnPb solder, wetting temp 215°C for SMD.	22	5	1	27	> 95% lead coverage	5	MTAI	
Wire Bond Pull - WBP	Mil. Std. 883-2011	5	0	3	15	0 fails after TC	5	MMT/MTAI	30 bonds from a minimum of 5 devices.
Wire Bond Shear - WBS	CDF-AEC-Q100-001	5	0	3	15	0	5	MMT/MTAI	30 bonds from a minimum of 5 devices.
Wire Sweep		5	0	3	15	0		MMT	Required for any reduction in wire bond thickness.
Physical Dimensions	Measure per JESD22 B100 and B108	10	0	3	30	0	5	MTAI	
External Visual	Mil. Std. 883-2009/2010	All devices prior to submission for qualification testing	0	3	ALL	0	5	MTAI	
HTSL (High Temp Storage Life)	+175 C for 504 hours. Electrical test pre and post stress at +25°C and hot temp.85°C. 1 lot to be tested at 125C	45	5	1	50	0	25	MTAI	

Test Name	Conditions	Sample Size	Min. Qty of Spares per Lot (should be properly marked)	Qty of Lots	Total Units	Fail Accept Qty	Est. Dur. Days	Test Site	Special Instructions
Preconditioning - Required for surface mount devices	+150°C Bake for 24 hours, moisture loading requirements per MSL level + 3X reflow at peak reflow temperature per Jedec-STD-020D for package type; Electrical test pre-and post stress at +25°C. MSL1 @ 260°C	231	15	3	738	0	15	MTAI	Spares should be properly identified. 77 parts from each lot to be used for HAST, Autoclave, Temp Cycle test.
HAST	+130°C/85% RH for 96 hours. Electrical test pre and post stress at +25°C and hot temp. 1 lot to be tested at 125C	77	5	3	246	0	10	MTAI	Spares should be properly identified. Use the parts which have gone through Pre-conditioning.
Unbiased HAST	+130°C/85% RH for 96 hrs. Electrical test pre and post stress at +25°C.	77	5	3	246	0	10	MTAI	Spares should be properly identified. Use the parts which have gone through Pre-conditioning.
Temp Cycle	-65°C to +150°C for 500 cycles. Electrical test pre and post stress at hot temp; 3 gram force WBP, on 5 devices from 1 lot, test following Temp Cycle stress. 1 lot to be tested at 125C	77	5	3	246	0	15	MTAI	Spares should be properly identified. Use the parts which have gone through Pre-conditioning.

CCB 3220,3220.001-3220.8 Initial Notice: Qualification of MMT as an additional assembly site for selected products of 200K wafer technology available in 64L, 44L, 28L, 20L, and 16L QFN packages.

Affected Catalog Part Numbers (CPN)

PCN_LIAL-02YNJF503
CATALOG_PART_NBR
A010201-I/MQ
A010201T-I/MQ
AR1100-I/MQ
AR1100T-I/MQ
HA2223-I/ML
HA2223T-I/ML
MCP2200-E/MQ046
MCP2200-I/MQ
MCP2200-I/MQ031
MCP2200-I/MQ046
MCP2200-I/MQRVB
MCP2200T-E/MQ046
MCP2200T-I/MQ
MCP2200T-I/MQ031
MCP2200T-I/MQ046
MCP2200T-I/MQRVB
MCP2210-I/MQ
MCP2210T-I/MQ
MCP2221A-I/ML
MCP2221AT-I/ML
MCP2221-I/ML
MCP2221T-I/ML
MTCH105-I/ML
MTCH105T-I/ML
PIC16F1454-E/ML
PIC16F1454-I/ML
PIC16F1454T-I/ML
PIC16F1455-E/ML
PIC16F1455-I/ML
PIC16F1455-I/MLC02
PIC16F1455T-I/ML
PIC16F1455T-I/MLC02
PIC16F1459-E/ML
PIC16F1459-I/ML
PIC16F1459-I/MLC01
PIC16F1459T-I/ML
PIC16F1459T-I/ML020
PIC16F1459T-I/MLC01
PIC16F1503-E/MG
PIC16F1503-I/MG
PIC16F1503-I/MG031
PIC16F1503-I/MGC02
PIC16F1503T-E/MG
PIC16F1503T-E/MG033
PIC16F1503T-E/MG039
PIC16F1503T-I/MG
PIC16F1503T-I/MG027
PIC16F1503T-I/MG028

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Affected Catalog Part Numbers (CPN)

PCN_LIAL-02YNJF503
CATALOG_PART_NBR
PIC16F1503T-I/MG029
PIC16F1503T-I/MG030
PIC16F1503T-I/MG031
PIC16F1503T-I/MG032
PIC16F1503T-I/MG035
PIC16F1503T-I/MG037
PIC16F1503T-I/MG043
PIC16F1503T-I/MG044
PIC16F1503T-I/MG048
PIC16F1503T-I/MGC02
PIC16F1507-E/ML
PIC16F1507-I/ML
PIC16F1507T-E/ML
PIC16F1507T-I/ML
PIC16F1508-E/ML
PIC16F1508-I/ML
PIC16F1508T-E/ML
PIC16F1508T-E/ML025
PIC16F1508T-I/ML
PIC16F1508T-I/MLOPP
PIC16F1509-E/ML
PIC16F1509-I/ML
PIC16F1509-I/ML045
PIC16F1509T-E/ML
PIC16F1509T-I/ML
PIC16F1509T-I/ML045
PIC16F1516-E/ML
PIC16F1516-I/ML
PIC16F1516T-I/ML
PIC16F1518-E/ML
PIC16F1518-I/ML
PIC16F1518T-I/ML
PIC16F1526-E/MR
PIC16F1526-I/MR
PIC16F1526T-I/MR
PIC16F1527-E/MR
PIC16F1527-I/MR
PIC16F1527T-I/MR
PIC16F1613-E/ML
PIC16F1613-I/ML
PIC16F1613T-I/ML
PIC16F1613T-I/ML023
PIC16F1614-E/ML
PIC16F1614-I/ML
PIC16F1614T-I/ML
PIC16F1615-E/ML
PIC16F1615-I/ML
PIC16F1615T-I/ML

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Affected Catalog Part Numbers (CPN)

PCN_LIAL-02YNJF503
CATALOG_PART_NBR
PIC16F1618-E/ML
PIC16F1618-I/ML
PIC16F1618T-I/ML
PIC16F1619-E/ML
PIC16F1619-I/ML
PIC16F1619T-I/ML
PIC16F1703-E/ML
PIC16F1703-I/ML
PIC16F1703T-I/ML
PIC16F1704-E/ML
PIC16F1704-I/ML
PIC16F1704T-E/ML
PIC16F1704T-I/ML
PIC16F1705-E/ML
PIC16F1705-I/ML
PIC16F1705T-E/ML
PIC16F1705T-I/ML
PIC16F1707-E/ML
PIC16F1707-I/ML
PIC16F1707T-I/ML
PIC16F1708-E/ML
PIC16F1708-E/ML028
PIC16F1708-I/ML
PIC16F1708T-E/ML
PIC16F1708T-E/ML025
PIC16F1708T-E/ML026
PIC16F1708T-E/ML027
PIC16F1708T-E/ML028
PIC16F1708T-E/ML030
PIC16F1708T-I/ML
PIC16F1709-E/ML
PIC16F1709-I/ML
PIC16F1709-I/ML020
PIC16F1709T-E/ML
PIC16F1709T-I/ML
PIC16F1709T-I/ML020
PIC16F1713-E/ML
PIC16F1713-I/ML
PIC16F1713T-I/ML
PIC16F1716-E/ML
PIC16F1716-I/ML
PIC16F1716T-I/ML
PIC16F1717-E/ML
PIC16F1717-I/ML
PIC16F1717T-I/ML
PIC16F1718-E/ML
PIC16F1718-I/ML
PIC16F1718T-I/ML

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Affected Catalog Part Numbers (CPN)

PCN_LIAL-02YNJF503
CATALOG_PART_NBR
PIC16F1719-E/ML
PIC16F1719-I/ML
PIC16F1719T-I/ML
PIC16F1764-E/ML
PIC16F1764-I/ML
PIC16F1764T-E/ML
PIC16F1764T-I/ML
PIC16F1765-E/ML
PIC16F1765-I/ML
PIC16F1765T-I/ML
PIC16F1768-E/ML
PIC16F1768-I/ML
PIC16F1768T-E/ML
PIC16F1768T-I/ML
PIC16F1769-E/ML
PIC16F1769-I/ML
PIC16F1769T-E/ML
PIC16F1769T-I/ML
PIC16F1777-E/ML
PIC16F1777-I/ML
PIC16F1777T-I/ML
PIC16F1779-E/ML
PIC16F1779-I/ML
PIC16F1779T-I/ML
PIC16F1782-E/ML
PIC16F1782-I/ML
PIC16F1782T-E/ML
PIC16F1782T-I/ML
PIC16F1783-E/ML
PIC16F1783-I/ML
PIC16F1783T-E/ML
PIC16F1783T-I/ML
PIC16F1784-E/ML
PIC16F1784-I/ML
PIC16F1784T-I/ML
PIC16F1786-E/ML
PIC16F1786-I/ML
PIC16F1786T-I/ML
PIC16F1787-E/ML
PIC16F1787-I/ML
PIC16F1787T-I/ML
PIC16F1787T-I/ML020
PIC16F1788-E/ML
PIC16F1788-I/ML
PIC16F1788T-E/ML
PIC16F1788T-I/ML
PIC16F1789-E/ML
PIC16F1789-I/ML

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Affected Catalog Part Numbers (CPN)

PCN_LIAL-02YNJF503
CATALOG_PART_NBR
PIC16F1789T-I/ML
PIC16F1823-E/ML
PIC16F1823-I/ML
PIC16F1823-I/ML029
PIC16F1823-I/MLLS1
PIC16F1823T-E/ML
PIC16F1823T-I/ML
PIC16F1823T-I/ML029
PIC16F1823T-I/MLLS1
PIC16F1824-E/ML
PIC16F1824-I/ML
PIC16F1824T-E/ML
PIC16F1824T-I/ML
PIC16F1824T-I/MLC01
PIC16F1824T-I/MLOPP
PIC16F1825-E/ML
PIC16F1825-H/ML
PIC16F1825-I/ML
PIC16F1825T-E/ML
PIC16F1825T-E/ML031
PIC16F1825T-H/ML
PIC16F1825T-I/ML
PIC16F1826-E/ML
PIC16F1826-I/ML
PIC16F1826T-I/ML
PIC16F1827-E/ML
PIC16F1827-I/ML
PIC16F1827T-I/ML
PIC16F1828-E/ML
PIC16F1828-E/MLC02
PIC16F1828-I/ML
PIC16F1828-I/MLC04
PIC16F1828T-E/ML
PIC16F1828T-I/ML
PIC16F1829-E/ML
PIC16F1829-H/ML
PIC16F1829-I/ML
PIC16F1829-I/ML030
PIC16F1829-I/ML031
PIC16F1829T-E/ML
PIC16F1829T-H/ML
PIC16F1829T-I/ML
PIC16F1829T-I/ML030
PIC16F1829T-I/ML031
PIC16F1847-E/ML
PIC16F1847-I/ML
PIC16F1847T-I/ML
PIC16F1933-E/ML

CCB 3220,3220.001-3220.8 Initial Notice: Qualification of MMT as an additional assembly site for selected products of 200K wafer technology available in 64L, 44L, 28L, 20L, and 16L QFN packages.

Affected Catalog Part Numbers (CPN)

PCN_LIAL-02YNJF503
CATALOG_PART_NBR
PIC16F1933-I/ML
PIC16F1933T-E/ML
PIC16F1933T-I/ML
PIC16F1934-E/ML
PIC16F1934-I/ML
PIC16F1934T-I/ML
PIC16F1936-E/ML
PIC16F1936-I/ML
PIC16F1936T-I/ML
PIC16F1937-E/ML
PIC16F1937-I/ML
PIC16F1937T-I/ML
PIC16F1938-E/ML
PIC16F1938-I/ML
PIC16F1938-I/MLRA2
PIC16F1938T-I/ML
PIC16F1938T-I/MLRA2
PIC16F1939-E/ML
PIC16F1939-I/ML
PIC16F1939T-I/ML
PIC16F1946-E/MR
PIC16F1946-I/MR
PIC16F1946T-I/MR
PIC16F1947-E/MR
PIC16F1947-I/MR
PIC16F1947T-I/MR
PIC16F707-E/ML
PIC16F707-I/ML
PIC16F707T-I/ML
PIC16F720-E/ML
PIC16F720-I/ML
PIC16F720T-I/ML
PIC16F721-E/ML
PIC16F721-I/ML
PIC16F721T-E/ML
PIC16F721T-I/ML
PIC16F722A-E/ML
PIC16F722A-I/ML
PIC16F722AT-I/ML
PIC16F722-E/ML
PIC16F722-I/ML
PIC16F722T-I/ML
PIC16F723A-E/ML
PIC16F723A-I/ML
PIC16F723AT-I/ML
PIC16F723-E/ML
PIC16F723-I/ML
PIC16F723T-E/ML

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PCN_LIAL-02YNJF503
CATALOG_PART_NBR
PIC16F723T-I/ML
PIC16F724-E/ML
PIC16F724-I/ML
PIC16F724T-I/ML
PIC16F726-E/ML
PIC16F726-I/ML
PIC16F726T-I/ML
PIC16F727-E/ML
PIC16F727-I/ML
PIC16F727T-I/ML
PIC16LF1454-E/ML
PIC16LF1454-I/ML
PIC16LF1454T-I/ML
PIC16LF1455-E/ML
PIC16LF1455-I/ML
PIC16LF1455T-I/ML
PIC16LF1459-E/ML
PIC16LF1459-I/ML
PIC16LF1459-I/MLC01
PIC16LF1459-I/MLC02
PIC16LF1459-I/MLC03
PIC16LF1459T-I/ML
PIC16LF1459T-I/MLC01
PIC16LF1459T-I/MLC02
PIC16LF1459T-I/MLC03
PIC16LF1503-E/MG
PIC16LF1503-I/MG
PIC16LF1503-I/MG022
PIC16LF1503-I/MGC02
PIC16LF1503T-E/MG
PIC16LF1503T-I/MG
PIC16LF1503T-I/MG022
PIC16LF1503T-I/MGC02
PIC16LF1507-E/ML
PIC16LF1507-I/ML
PIC16LF1507T-I/ML
PIC16LF1508-E/ML
PIC16LF1508-I/ML
PIC16LF1508T-I/ML
PIC16LF1509-E/ML
PIC16LF1509-I/ML
PIC16LF1509T-I/ML
PIC16LF1516-E/ML
PIC16LF1516-I/ML
PIC16LF1516T-I/ML
PIC16LF1518-E/ML
PIC16LF1518-I/ML
PIC16LF1518T-I/ML

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Affected Catalog Part Numbers (CPN)

PCN_LIAL-02YNJF503
CATALOG_PART_NBR
PIC16LF1526-E/MR
PIC16LF1526-I/MR
PIC16LF1526T-I/MR
PIC16LF1527-E/MR
PIC16LF1527-I/MR
PIC16LF1527T-I/MR
PIC16LF1554-E/ML
PIC16LF1554-I/ML
PIC16LF1554T-I/ML
PIC16LF1559-E/ML
PIC16LF1559-I/ML
PIC16LF1559T-I/ML
PIC16LF1613-E/ML
PIC16LF1613-I/ML
PIC16LF1613T-I/ML
PIC16LF1614-E/ML
PIC16LF1614-I/ML
PIC16LF1614T-I/ML
PIC16LF1615-E/ML
PIC16LF1615-I/ML
PIC16LF1615T-I/ML
PIC16LF1618-E/ML
PIC16LF1618-I/ML
PIC16LF1618T-I/ML
PIC16LF1619-E/ML
PIC16LF1619-I/ML
PIC16LF1619T-I/ML
PIC16LF1703-E/ML
PIC16LF1703-I/ML
PIC16LF1703T-I/ML
PIC16LF1704-E/ML
PIC16LF1704-I/ML
PIC16LF1704T-I/ML
PIC16LF1705-E/ML
PIC16LF1705-I/ML
PIC16LF1705T-I/ML
PIC16LF1707-E/ML
PIC16LF1707-I/ML
PIC16LF1707T-I/ML
PIC16LF1708-E/ML
PIC16LF1708-I/ML
PIC16LF1708T-I/ML
PIC16LF1709-E/ML
PIC16LF1709-I/ML
PIC16LF1709T-I/ML
PIC16LF1713-E/ML
PIC16LF1713-I/ML
PIC16LF1713T-I/ML

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Affected Catalog Part Numbers (CPN)

PCN_LIAL-02YNJF503
CATALOG_PART_NBR
PIC16LF1716-E/ML
PIC16LF1716-I/ML
PIC16LF1716T-I/ML
PIC16LF1717-E/ML
PIC16LF1717-I/ML
PIC16LF1717T-I/ML
PIC16LF1718-E/ML
PIC16LF1718-I/ML
PIC16LF1718T-I/ML
PIC16LF1719-E/ML
PIC16LF1719-I/ML
PIC16LF1719T-I/ML
PIC16LF1764-E/ML
PIC16LF1764-I/ML
PIC16LF1764T-I/ML
PIC16LF1765-E/ML
PIC16LF1765-I/ML
PIC16LF1765T-I/ML
PIC16LF1768-E/ML
PIC16LF1768-I/ML
PIC16LF1768T-I/ML
PIC16LF1769-E/ML
PIC16LF1769-I/ML
PIC16LF1769T-I/ML
PIC16LF1777-E/ML
PIC16LF1777-I/ML
PIC16LF1777T-I/ML
PIC16LF1779-E/ML
PIC16LF1779-I/ML
PIC16LF1779T-I/ML
PIC16LF1782-E/ML
PIC16LF1782-I/ML
PIC16LF1782T-I/ML
PIC16LF1783-E/ML
PIC16LF1783-I/ML
PIC16LF1783T-I/ML
PIC16LF1784-E/ML
PIC16LF1784-I/ML
PIC16LF1784T-I/ML
PIC16LF1786-E/ML
PIC16LF1786-I/ML
PIC16LF1786T-I/ML
PIC16LF1787-E/ML
PIC16LF1787-I/ML
PIC16LF1787T-I/ML
PIC16LF1788-E/ML
PIC16LF1788-I/ML
PIC16LF1788T-I/ML

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Affected Catalog Part Numbers (CPN)

PCN_LIAL-02YNJF503
CATALOG_PART_NBR
PIC16LF1789-E/ML
PIC16LF1789-I/ML
PIC16LF1789T-I/ML
PIC16LF1823-E/ML
PIC16LF1823-I/ML
PIC16LF1823-I/MLC04
PIC16LF1823-I/MLLS2
PIC16LF1823T-I/ML
PIC16LF1823T-I/MLC04
PIC16LF1823T-I/MLLS2
PIC16LF1824-E/ML
PIC16LF1824-I/ML
PIC16LF1824-I/MLC01
PIC16LF1824T-I/ML
PIC16LF1824T-I/MLC01
PIC16LF1825-E/ML
PIC16LF1825-I/ML
PIC16LF1825T-E/ML
PIC16LF1825T-I/ML
PIC16LF1826-E/ML
PIC16LF1826-I/ML
PIC16LF1826-I/MLC01
PIC16LF1826T-I/ML
PIC16LF1826T-I/MLC01
PIC16LF1827-E/ML
PIC16LF1827-I/ML
PIC16LF1827T-I/ML
PIC16LF1828-E/ML
PIC16LF1828-I/ML
PIC16LF1828T-I/ML
PIC16LF1828T-I/ML025
PIC16LF1829-E/ML
PIC16LF1829-I/ML
PIC16LF1829T-I/ML
PIC16LF1847-E/ML
PIC16LF1847-I/ML
PIC16LF1847T-I/ML
PIC16LF1933-E/ML
PIC16LF1933-I/ML
PIC16LF1933T-I/ML
PIC16LF1934-E/ML
PIC16LF1934-I/ML
PIC16LF1934T-I/ML
PIC16LF1936-E/ML
PIC16LF1936-I/ML
PIC16LF1936T-I/ML
PIC16LF1936T-I/ML020
PIC16LF1937-E/ML

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Affected Catalog Part Numbers (CPN)

PCN_LIAL-02YNJF503
CATALOG_PART_NBR
PIC16LF1937-I/ML
PIC16LF1937T-I/ML
PIC16LF1938-E/ML
PIC16LF1938-I/ML
PIC16LF1938-I/MLC01
PIC16LF1938T-E/ML
PIC16LF1938T-I/ML
PIC16LF1938T-I/MLC01
PIC16LF1939-E/ML
PIC16LF1939-I/ML
PIC16LF1939T-I/ML
PIC16LF1946-E/MR
PIC16LF1946-I/MR
PIC16LF1946T-I/MR
PIC16LF1947-E/MR
PIC16LF1947-I/MR
PIC16LF1947T-I/MR
PIC16LF707-E/ML
PIC16LF707-I/ML
PIC16LF707T-I/ML
PIC16LF720-E/ML
PIC16LF720-I/ML
PIC16LF720T-I/ML
PIC16LF721-E/ML
PIC16LF721-I/ML
PIC16LF721T-I/ML
PIC16LF721T-I/ML022
PIC16LF721T-I/ML024
PIC16LF721T-I/ML025
PIC16LF721T-I/ML028
PIC16LF721T-I/ML030
PIC16LF722A-E/ML
PIC16LF722A-I/ML
PIC16LF722AT-I/ML
PIC16LF722-E/ML
PIC16LF722-I/ML
PIC16LF722T-I/ML
PIC16LF723A-E/ML
PIC16LF723A-I/ML
PIC16LF723AT-I/ML
PIC16LF723-E/ML
PIC16LF723-I/ML
PIC16LF723T-I/ML
PIC16LF724-E/ML
PIC16LF724-I/ML
PIC16LF724T-I/ML
PIC16LF726-E/ML
PIC16LF726-I/ML

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Affected Catalog Part Numbers (CPN)

PCN_LIAL-02YNJF503
CATALOG_PART_NBR
PIC16LF726T-I/ML
PIC16LF727-E/ML
PIC16LF727-I/ML
PIC16LF727-I/MLC01
PIC16LF727T-I/ML
PIC16LF727T-I/MLC01
PIC18F13K22-E/ML
PIC18F13K22-E/MLC01
PIC18F13K22-I/ML
PIC18F13K22T-I/ML
PIC18F13K22T-I/ML020
PIC18F13K50-I/MQ
PIC18F13K50T-I/MQ
PIC18F14K22-E/ML
PIC18F14K22-I/ML
PIC18F14K22T-E/ML
PIC18F14K22T-I/ML
PIC18F14K50-E/MQ
PIC18F14K50-I/MQ
PIC18F14K50-I/MQ048
PIC18F14K50T-I/MQ
PIC18F14K50T-I/MQ029
PIC18F14K50T-I/MQ039
PIC18F14K50T-I/MQ044
PIC18F14K50T-I/MQ045
PIC18F14K50T-I/MQ047
PIC18F14K50T-I/MQ048
PIC18F23K20-E/ML
PIC18F23K20-I/ML
PIC18F23K20T-E/ML
PIC18F23K20T-I/ML
PIC18F23K22-E/ML
PIC18F23K22-I/ML
PIC18F23K22T-E/ML
PIC18F23K22T-I/ML
PIC18F24K20-E/ML
PIC18F24K20-I/ML
PIC18F24K20T-I/ML
PIC18F24K20T-I/ML028
PIC18F24K22-E/ML
PIC18F24K22-I/ML
PIC18F24K22T-E/ML
PIC18F24K22T-I/ML
PIC18F24K50-E/ML
PIC18F24K50-I/ML
PIC18F24K50T-I/ML
PIC18F25K20-E/ML
PIC18F25K20-I/ML

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Affected Catalog Part Numbers (CPN)

PCN_LIAL-02YNJF503
CATALOG_PART_NBR
PIC18F25K20-I/MLC02
PIC18F25K20-I/MLC05
PIC18F25K20-I/MLC10
PIC18F25K20-I/MLLPR
PIC18F25K20T-E/ML
PIC18F25K20T-I/ML
PIC18F25K20T-I/MLC02
PIC18F25K20T-I/MLC10
PIC18F25K22-E/ML
PIC18F25K22-I/ML
PIC18F25K22T-E/ML
PIC18F25K22T-I/ML
PIC18F25K50-E/ML
PIC18F25K50-I/ML
PIC18F25K50T-E/ML
PIC18F25K50T-E/ML020
PIC18F25K50T-E/ML022
PIC18F25K50T-I/ML
PIC18F26K20-E/ML
PIC18F26K20-I/ML
PIC18F26K20-I/ML035
PIC18F26K20-I/ML045
PIC18F26K20-I/ML046
PIC18F26K20-I/ML047
PIC18F26K20-I/ML048
PIC18F26K20-I/ML049
PIC18F26K20-I/ML050
PIC18F26K20-I/MLC03
PIC18F26K20T-E/ML
PIC18F26K20T-I/ML
PIC18F26K20T-I/ML033
PIC18F26K20T-I/ML034
PIC18F26K20T-I/ML035
PIC18F26K20T-I/ML036
PIC18F26K20T-I/ML040
PIC18F26K20T-I/ML043
PIC18F26K20T-I/ML045
PIC18F26K20T-I/ML046
PIC18F26K20T-I/ML047
PIC18F26K20T-I/ML048
PIC18F26K20T-I/ML049
PIC18F26K20T-I/ML050
PIC18F26K20T-I/MLC03
PIC18F26K22-E/ML
PIC18F26K22-I/ML
PIC18F26K22T-E/ML
PIC18F26K22T-I/ML
PIC18F26K22T-I/ML024

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Affected Catalog Part Numbers (CPN)

PCN_LIAL-02YNJF503
CATALOG_PART_NBR
PIC18F43K20-E/ML
PIC18F43K20-I/ML
PIC18F43K20T-I/ML
PIC18F43K22-E/ML
PIC18F43K22-I/ML
PIC18F43K22T-I/ML
PIC18F44K20-E/ML
PIC18F44K20-I/ML
PIC18F44K20T-I/ML
PIC18F44K22-E/ML
PIC18F44K22-I/ML
PIC18F44K22T-I/ML
PIC18F45K20-E/ML
PIC18F45K20-I/ML
PIC18F45K20-I/MLC01
PIC18F45K20-I/MLC05
PIC18F45K20T-I/ML
PIC18F45K20T-I/MLC01
PIC18F45K20T-I/MLC05
PIC18F45K22-E/ML
PIC18F45K22-I/ML
PIC18F45K22T-I/ML
PIC18F45K80-E/ML
PIC18F45K80-H/ML
PIC18F45K80-I/ML
PIC18F45K80T-E/ML
PIC18F45K80T-I/ML
PIC18F46K20-E/ML
PIC18F46K20-I/ML
PIC18F46K20T-E/ML
PIC18F46K20T-I/ML
PIC18F46K22-E/ML
PIC18F46K22-I/ML
PIC18F46K22T-E/ML
PIC18F46K22T-I/ML
PIC18F46K80-E/ML
PIC18F46K80-H/ML
PIC18F46K80-I/ML
PIC18F46K80T-E/ML
PIC18F46K80T-I/ML
PIC18F65K22-E/MR
PIC18F65K22-I/MR
PIC18F65K22T-E/MR
PIC18F65K22T-I/MR
PIC18F65K80-E/MR
PIC18F65K80-H/MR
PIC18F65K80-I/MR
PIC18F65K80T-I/MR

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Affected Catalog Part Numbers (CPN)

PCN_LIAL-02YNJF503
CATALOG_PART_NBR
PIC18F65K90-E/MR
PIC18F65K90-I/MR
PIC18F65K90T-I/MR
PIC18F66K22-E/MR
PIC18F66K22-I/MR
PIC18F66K22T-E/MR
PIC18F66K22T-I/MR
PIC18F66K80-E/MR
PIC18F66K80-H/MR
PIC18F66K80-I/MR
PIC18F66K80T-I/MR
PIC18F66K90-E/MR
PIC18F66K90-I/MR
PIC18F66K90T-I/MR
PIC18F67K22-E/MR
PIC18F67K22-I/MR
PIC18F67K22-I/MRRSL
PIC18F67K22T-I/MR
PIC18F67K22T-I/MRRSL
PIC18F67K90-E/MR
PIC18F67K90-I/MR
PIC18F67K90-I/MRRSL
PIC18F67K90T-I/MR
PIC18LF13K22-E/ML
PIC18LF13K22-I/ML
PIC18LF13K22-I/ML023
PIC18LF13K22T-I/ML
PIC18LF13K22T-I/ML023
PIC18LF13K22T-I/ML024
PIC18LF13K50-I/MQ
PIC18LF13K50T-I/MQ
PIC18LF14K22-E/ML
PIC18LF14K22-I/ML
PIC18LF14K22T-E/ML
PIC18LF14K22T-E/ML021
PIC18LF14K22T-I/ML
PIC18LF14K50-I/MQ
PIC18LF14K50T-I/MQ
PIC18LF23K22-E/ML
PIC18LF23K22-I/ML
PIC18LF23K22T-I/ML
PIC18LF23K22T-I/ML020
PIC18LF23K22T-I/ML021
PIC18LF24K22-E/ML
PIC18LF24K22-I/ML
PIC18LF24K22T-I/ML
PIC18LF24K50-E/ML
PIC18LF24K50-I/ML

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Affected Catalog Part Numbers (CPN)

PCN_LIAL-02YNJF503
CATALOG_PART_NBR
PIC18LF24K50T-I/ML
PIC18LF25K22-E/ML
PIC18LF25K22-I/ML
PIC18LF25K22T-I/ML
PIC18LF25K50-E/ML
PIC18LF25K50-I/ML
PIC18LF25K50T-I/ML
PIC18LF26K22-E/ML
PIC18LF26K22-I/ML
PIC18LF26K22-I/MLC04
PIC18LF26K22-I/MLC05
PIC18LF26K22-I/MLC06
PIC18LF26K22T-E/ML
PIC18LF26K22T-I/ML
PIC18LF26K22T-I/ML024
PIC18LF26K22T-I/MLC02
PIC18LF26K22T-I/MLC04
PIC18LF26K22T-I/MLC05
PIC18LF26K22T-I/MLC06
PIC18LF43K22-E/ML
PIC18LF43K22-I/ML
PIC18LF43K22T-I/ML
PIC18LF44K22-E/ML
PIC18LF44K22-I/ML
PIC18LF44K22T-I/ML
PIC18LF45K22-E/ML
PIC18LF45K22-I/ML
PIC18LF45K22T-I/ML
PIC18LF45K80-I/ML
PIC18LF45K80T-I/ML
PIC18LF46K22-E/ML
PIC18LF46K22-I/ML
PIC18LF46K22T-I/ML
PIC18LF46K80-I/ML
PIC18LF46K80T-I/ML
PIC18LF65K80-I/MR
PIC18LF65K80T-I/MR
PIC18LF66K80-I/MR
PIC18LF66K80T-I/MR
PIC24F04KA201-I/MQ
PIC24F04KA201T-I/MQ
PIC24F04KL101-E/MQ
PIC24F04KL101-I/MQ
PIC24F04KL101T-I/MQ
PIC24F08KA101-E/MQ
PIC24F08KA101-I/MQ
PIC24F08KA101T-E/MQ
PIC24F08KA101T-I/MQ

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Affected Catalog Part Numbers (CPN)

PCN_LIAL-02YNJF503
CATALOG_PART_NBR
PIC24F08KA101T-I/MQC02
PIC24F08KA102-E/ML
PIC24F08KA102-I/ML
PIC24F08KL201-E/MQ
PIC24F08KL201-I/MQ
PIC24F08KL201T-I/MQ
PIC24F08KL301-E/MQ
PIC24F08KL301-I/MQ
PIC24F08KL301T-I/MQ
PIC24F08KL301T-I/MQ020
PIC24F08KL302-E/ML
PIC24F08KL302-I/ML
PIC24F08KL302-I/MQ
PIC24F08KL302T-I/MQ
PIC24F08KL401-E/MQ
PIC24F08KL401-I/MQ
PIC24F08KL402-I/ML
PIC24F08KL402-I/MQ
PIC24F08KM202-I/ML
PIC24F16KA101-E/MQ
PIC24F16KA101-I/MQ
PIC24F16KA101T-E/MQ
PIC24F16KA101T-I/MQ
PIC24F16KA102-E/ML
PIC24F16KA102-I/ML
PIC24F16KA102T-I/ML
PIC24F16KA302-I/ML
PIC24F16KA302T-I/ML
PIC24F16KA304-I/ML
PIC24F16KA304T-I/ML
PIC24F16KL401-E/MQ
PIC24F16KL401-I/MQ
PIC24F16KL401T-I/MQ
PIC24F16KL402-E/MQ
PIC24F16KL402-I/ML
PIC24F16KL402-I/MQ
PIC24F16KL402T-I/ML
PIC24F16KL402T-I/MQ
PIC24F16KM102-I/ML
PIC24F16KM202-E/ML
PIC24F16KM202-I/ML
PIC24F16KM204-E/ML
PIC24F16KM204-I/ML
PIC24F32KA302-E/ML
PIC24F32KA302-I/ML
PIC24F32KA302T-E/ML
PIC24F32KA302T-I/ML
PIC24F32KA304-E/ML

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Affected Catalog Part Numbers (CPN)

PCN_LIAL-02YNJF503
CATALOG_PART_NBR
PIC24F32KA304-I/ML
PIC24F32KA304T-I/ML
PIC24FV08KM202-I/ML
PIC24FV16KA302-I/ML
PIC24FV16KA302T-I/ML
PIC24FV16KA304-I/ML
PIC24FV16KA304T-I/ML
PIC24FV16KM102-I/ML
PIC24FV16KM202-E/ML
PIC24FV16KM202-I/ML
PIC24FV16KM202T-I/ML
PIC24FV16KM204-I/ML
PIC24FV32KA302-I/ML
PIC24FV32KA302T-I/ML
PIC24FV32KA304-E/ML
PIC24FV32KA304-I/ML
PIC24FV32KA304T-I/ML
UTC2000/MG
UTC2000-E/MG
UTC2000-I/MG
UTC2000T/MG
UTC2000T-E/MG
UTC2000T-I/MG